

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032216\
 Data File : BM004742.D
 Acq On : 23 Mar 2016 00:44
 Operator : UM/SJ
 Sample : H1835-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T29

Quant Time: Mar 23 05:11:49 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 23 06:08:08 2016
 Response via : Initial Calibration

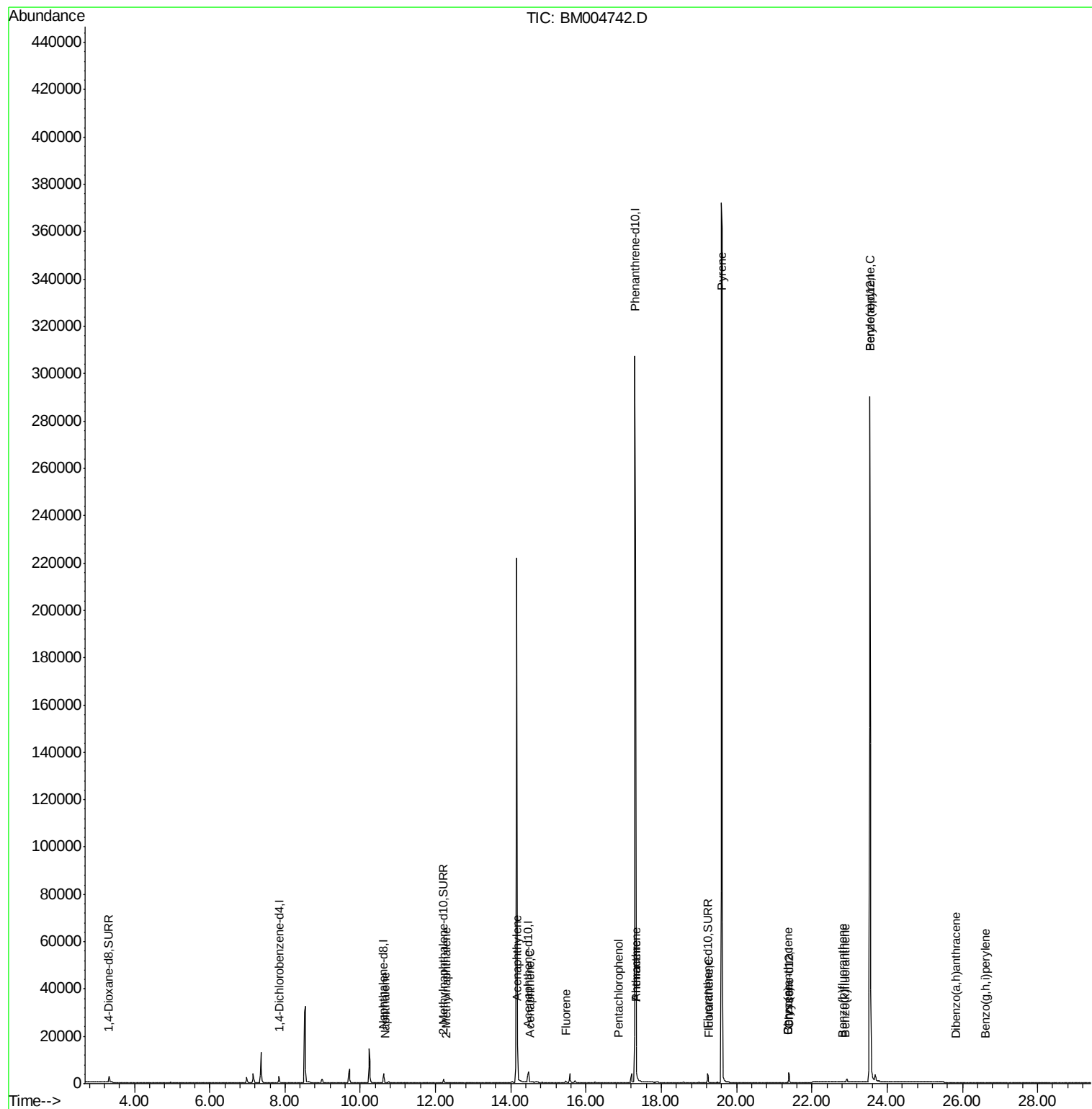
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1409	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5769	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2947	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.30	188	464317	5.00	ng/ul	0.09
18) Chrysene-d12	21.39	240	4408	5.00	ng/ul	0.00
22) Perylene-d12	23.54	264	417188	5.00	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	1868	2.74	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	2308	0.35	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	5082	0.01	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.67	128	101	0.01	ng/ul#	1
7) 2-Methylnaphthalene	12.29	142	46	0.01	ng/ul	85
9) Acenaphthylene	14.18	152	57	0.01	ng/ul#	1
10) Acenaphthene	14.52	153	79	0.01	ng/ul#	80
11) Fluorene	15.46	166	840	0.08	ng/ul#	22
13) Pentachlorophenol	16.87	266	54	0.00	ng/ul#	78
14) Phenanthrene	17.33	178	2641	0.00	ng/ul#	89
15) Anthracene	17.33	178	2643	0.00	ng/ul#	89
17) Fluoranthene	19.27	202	41	0.00	ng/ul#	1
19) Pyrene	19.60	202	964	0.06	ng/ul#	1
20) Benzo(a)anthracene	21.38	228	54	0.01	ng/ul#	1
21) Chrysene	21.38	228	54	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	22.82	252	6	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.88	252	53	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.54	252	1628	0.00	ng/ul#	63
27) Dibenzo(a,h)anthracene	25.83	278	2	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.62	276	1	0.00	ng/ul#	1

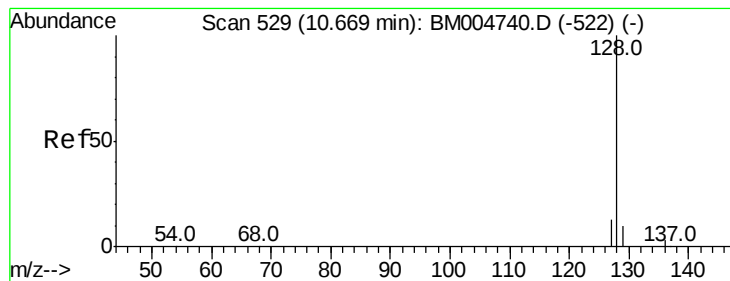
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032216\
Data File : BM004742.D
Acq On : 23 Mar 2016 00:44
Operator : UM/SJ
Sample : H1835-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4T29

Quant Time: Mar 23 05:11:49 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 23 06:08:08 2016
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.01 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. 0.00 min

Lab File: BM004742.D

Acq: 23 Mar 2016 00:44

Instrument :

BNA_M

ClientSampleId :

A4T29

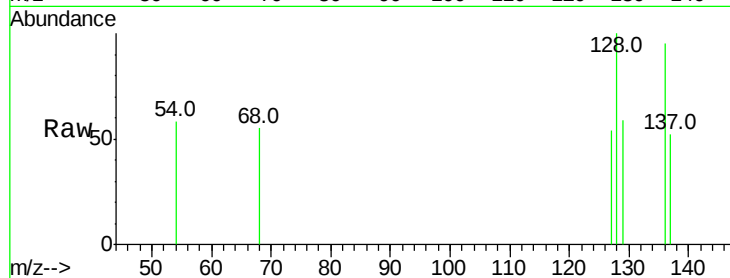
Tot Ion:128 Resp: 101

Ion Ratio Lower Upper

128 100

129 59.4 9.0 13.6#

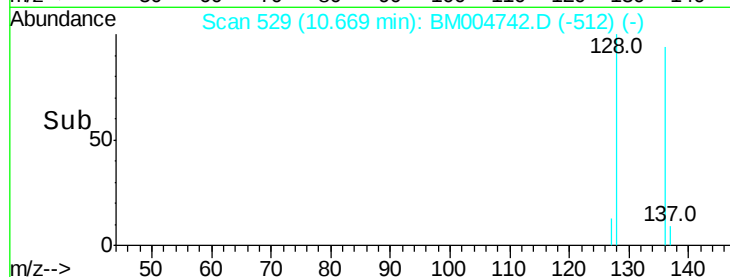
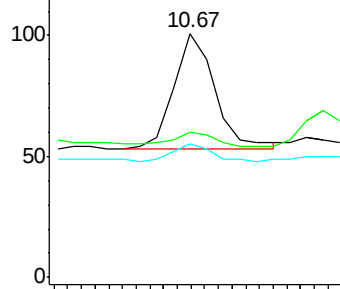
127 54.5 9.6 14.4#



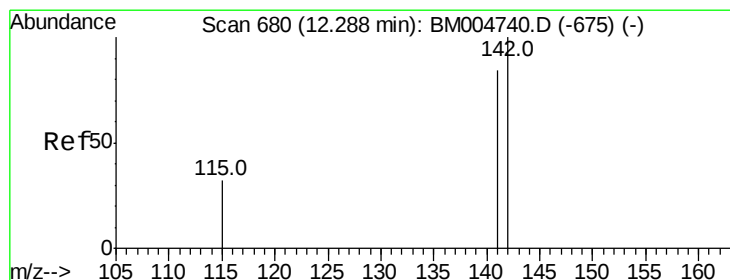
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#7

2-Methylnaphthalene

Concen: 0.01 ng/ul

RT: 12.29 min Scan# 680

Delta R.T. 0.00 min

Lab File: BM004742.D

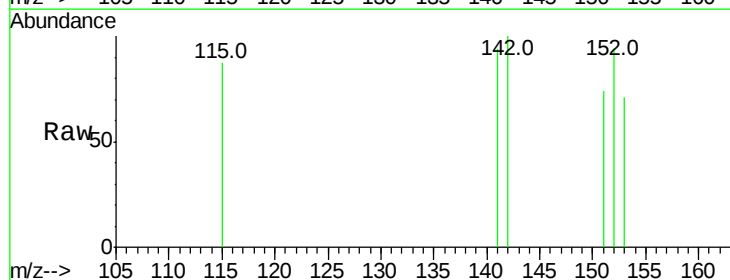
Acq: 23 Mar 2016 00:44

Tgt Ion:142 Resp: 46

Ion Ratio Lower Upper

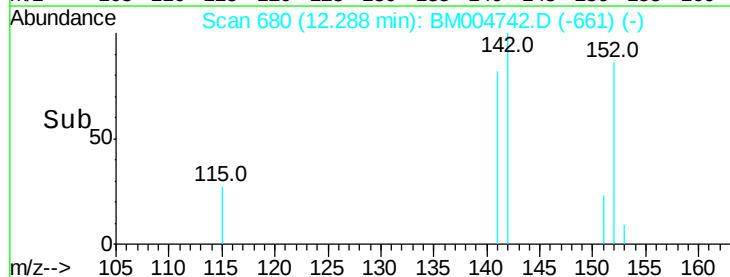
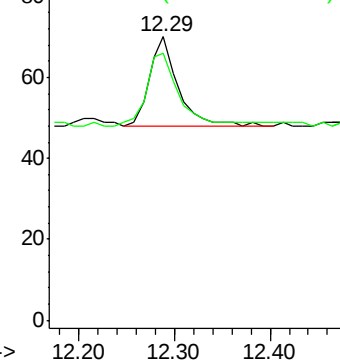
142 100

141 102.2 70.3 105.5

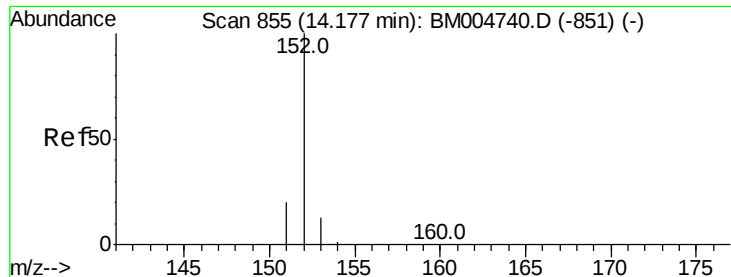


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#9

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.18 min Scan# 855

Delta R.T. 0.00 min

Lab File: BM004742.D

Acq: 23 Mar 2016 00:44

Instrument :

BNA_M

ClientSampleId :

A4T29

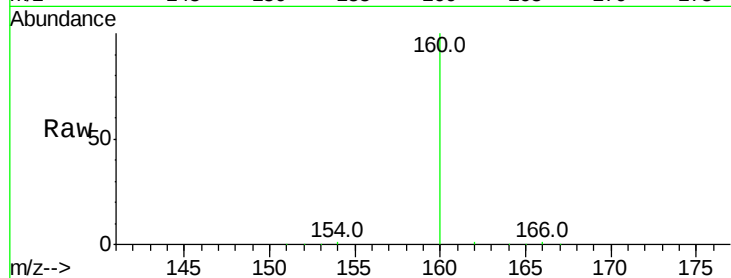
Tot Ion:152 Resp: 57

Ion Ratio Lower Upper

152 100

151 75.7 17.6 26.4#

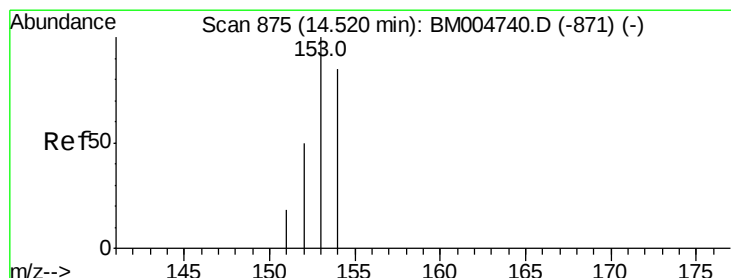
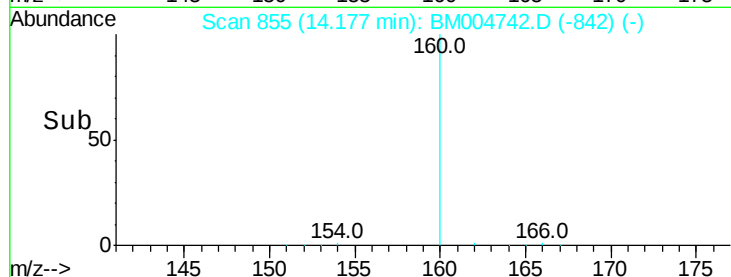
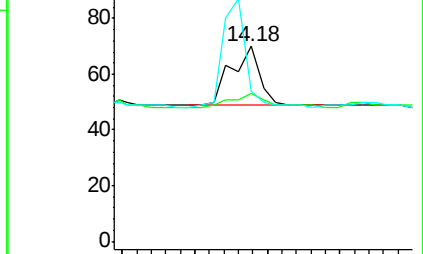
153 77.1 9.7 14.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#10

Acenaphthene

Concen: 0.01 ng/ul

RT: 14.52 min Scan# 875

Delta R.T. 0.00 min

Lab File: BM004742.D

Acq: 23 Mar 2016 00:44

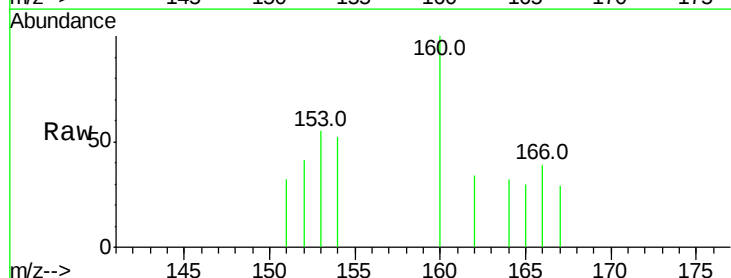
Tgt Ion:153 Resp: 79

Ion Ratio Lower Upper

153 100

152 74.2 33.9 50.9#

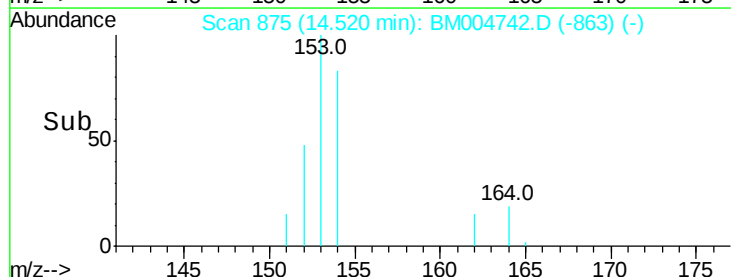
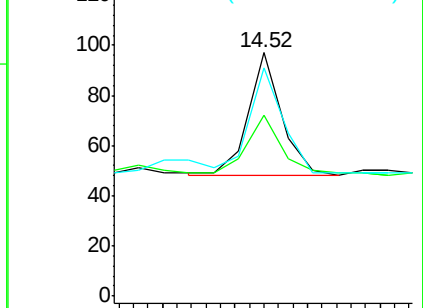
154 93.8 80.6 121.0

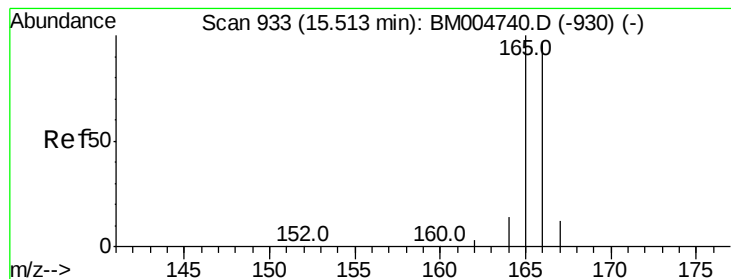


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.08 ng/ul

RT: 15.46 min Scan# 930

Delta R.T. -0.05 min

Lab File: BM004742.D

Acq: 23 Mar 2016 00:44

Instrument :

BNA_M

ClientSampleId :

A4T29

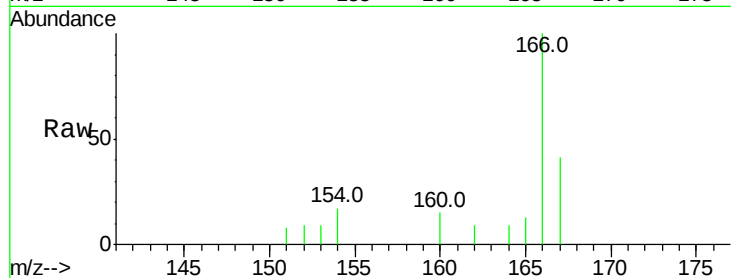
Tot Ion:166 Resp: 840

Ion Ratio Lower Upper

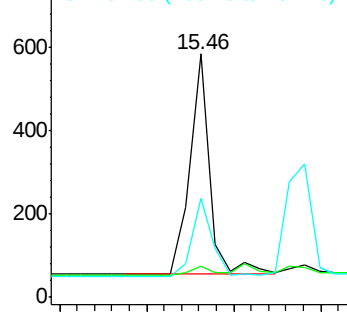
166 100

165 12.6 69.6 104.4#

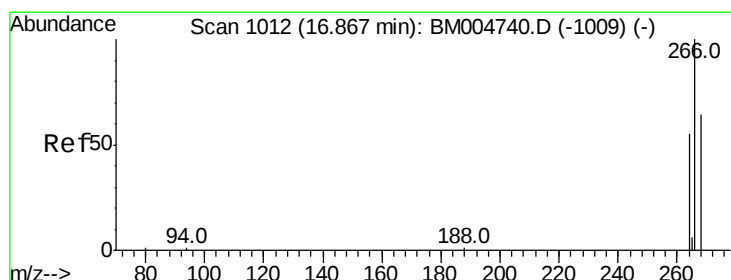
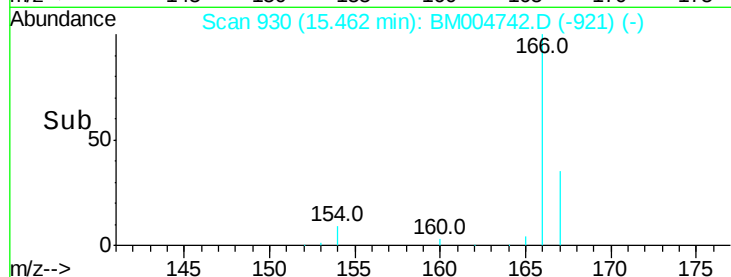
167 40.5 11.9 17.9#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time--> 15.30 15.40 15.50 15.60



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.87 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BM004742.D

Acq: 23 Mar 2016 00:44

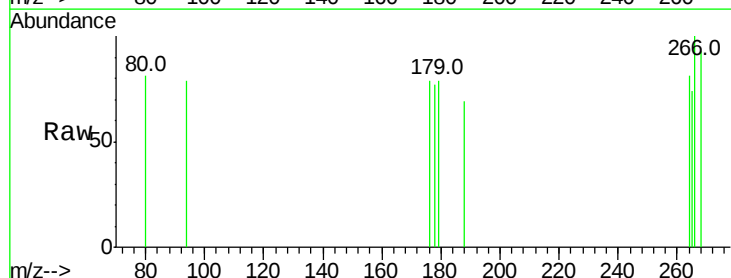
Tgt Ion:266 Resp: 54

Ion Ratio Lower Upper

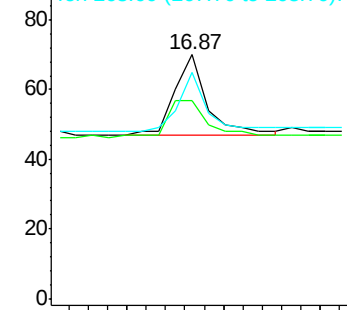
266 100

264 79.6 51.8 77.8#

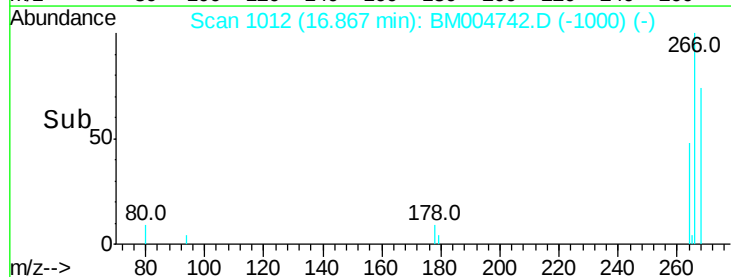
268 77.8 46.8 70.2#

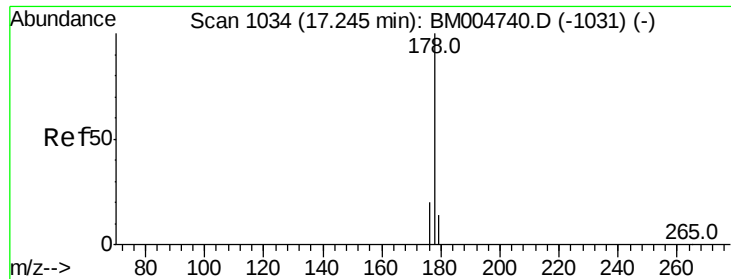


Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



Time--> 16.80 16.90 17.00





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.33 min Scan# 1039

Delta R.T. 0.09 min

Lab File: BM004742.D

Acq: 23 Mar 2016 00:44

Instrument :

BNA_M

ClientSampleId :

A4T29

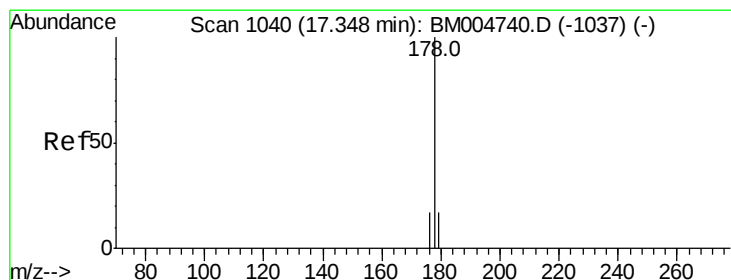
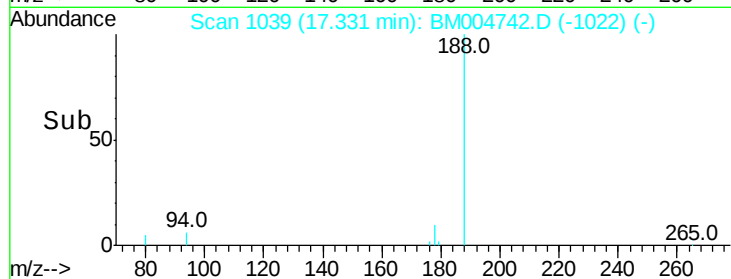
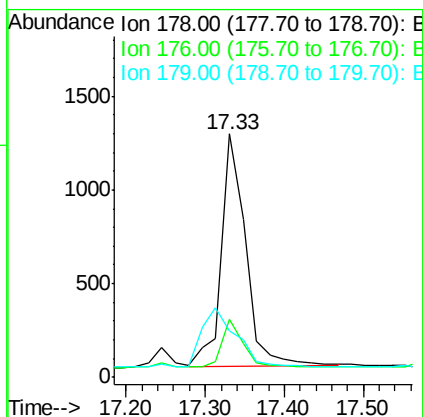
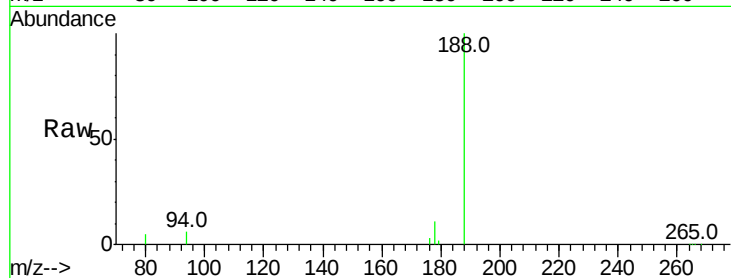
Tot Ion:178 Resp: 2641

Ion Ratio Lower Upper

178 100

176 23.9 13.0 19.4#

179 19.3 14.2 21.2



#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.33 min Scan# 1039

Delta R.T. -0.02 min

Lab File: BM004742.D

Acq: 23 Mar 2016 00:44

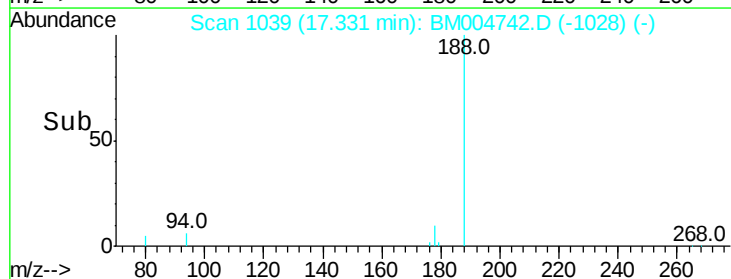
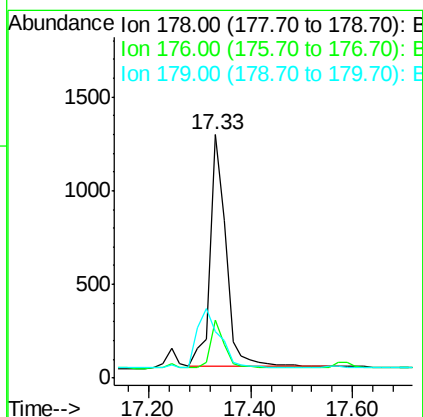
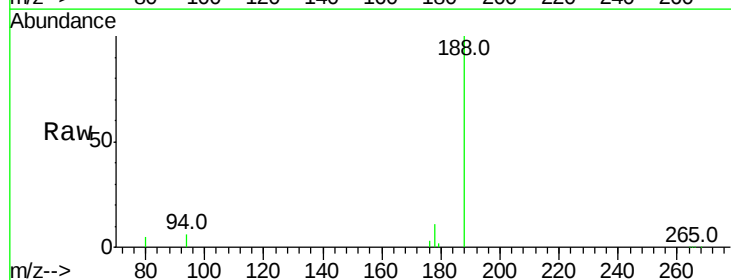
Tgt Ion:178 Resp: 2643

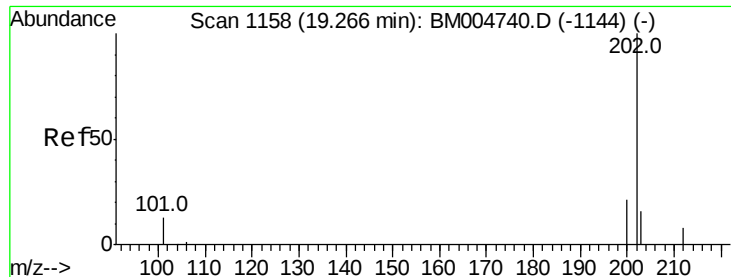
Ion Ratio Lower Upper

178 100

176 23.9 14.0 21.0#

179 19.3 12.9 19.3#





#17

Fluoranthene

Concen: 0.00 ng/u1

RT: 19.27 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BM004742.D

Acq: 23 Mar 2016 00:44

Instrument :

BNA_M

ClientSampleId :

A4T29

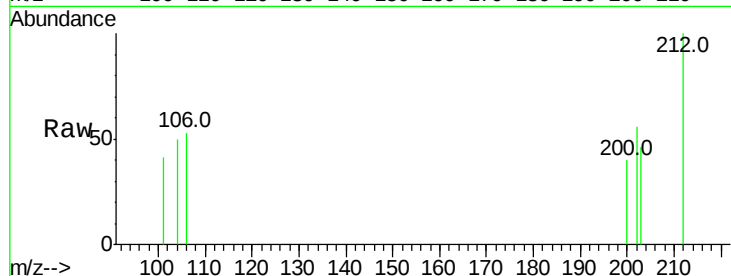
Tot Ion:202 Resp: 41

Ion Ratio Lower Upper

202 100

101 73.3 0.0 29.6#

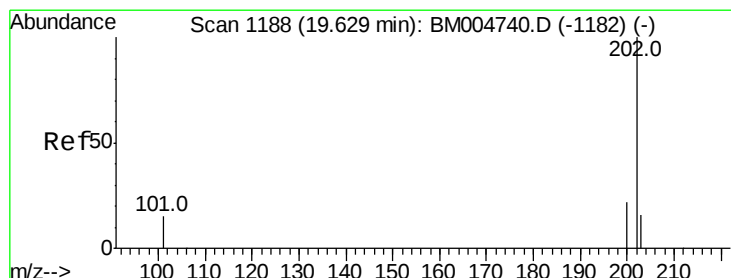
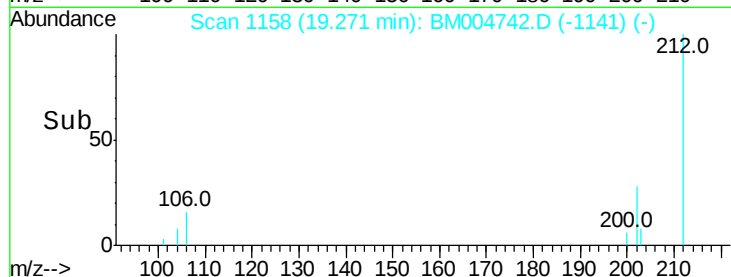
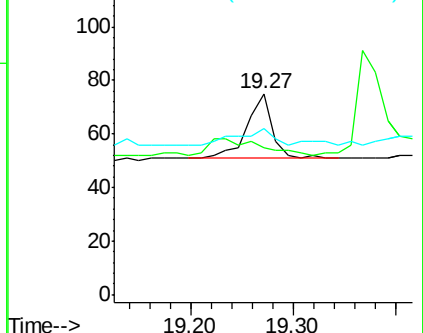
203 82.7 0.0 36.3#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#19

Pyrene

Concen: 0.06 ng/u1

RT: 19.60 min Scan# 1185

Delta R.T. -0.03 min

Lab File: BM004742.D

Acq: 23 Mar 2016 00:44

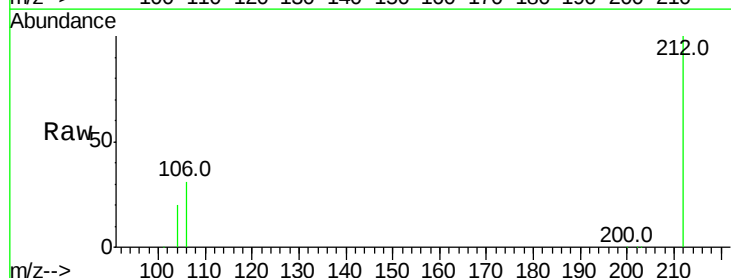
Tgt Ion:202 Resp: 964

Ion Ratio Lower Upper

202 100

200 12.7 17.8 26.8#

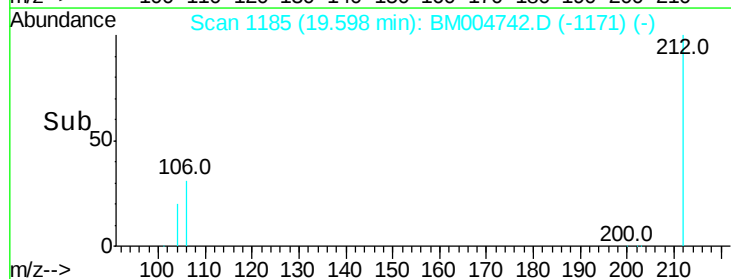
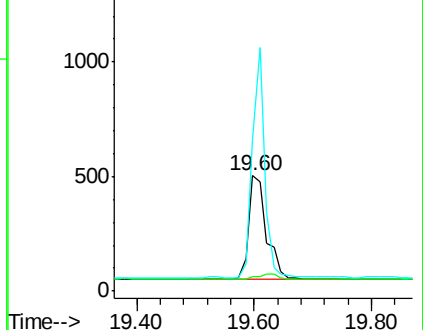
203 131.5 12.8 19.2#

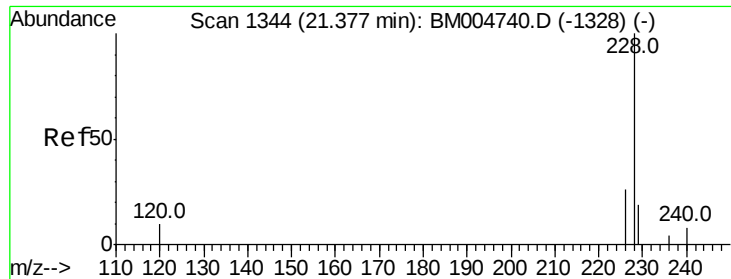


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.38 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BM004742.D

Acq: 23 Mar 2016 00:44

Instrument :

BNA_M

ClientSampled :

A4T29

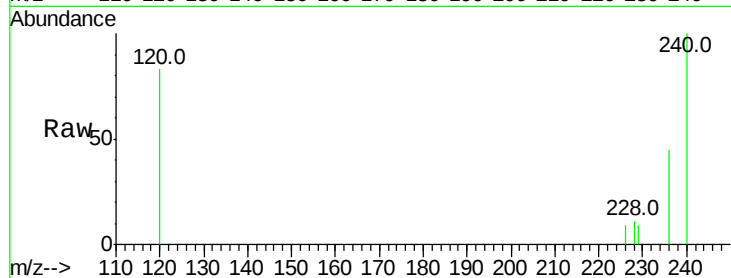
Tot Ion:228 Resp: 54

Ion Ratio Lower Upper

228 100

226 75.0 18.8 28.2#

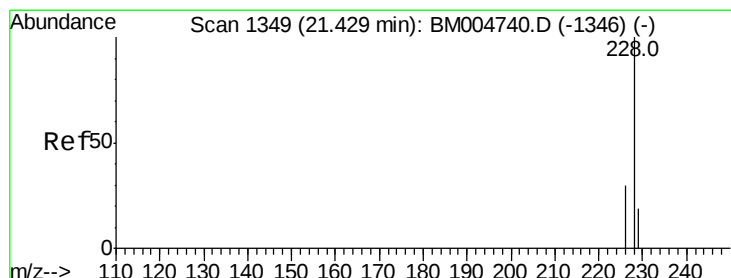
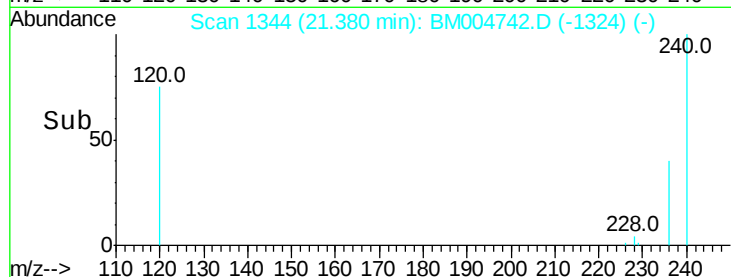
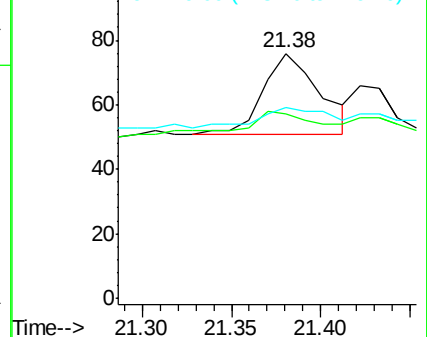
229 77.6 17.1 25.7#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.38 min Scan# 1344

Delta R.T. -0.05 min

Lab File: BM004742.D

Acq: 23 Mar 2016 00:44

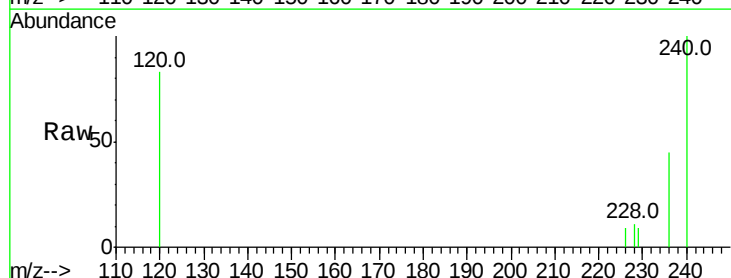
Tgt Ion:228 Resp: 54

Ion Ratio Lower Upper

228 100

226 75.0 21.2 31.8#

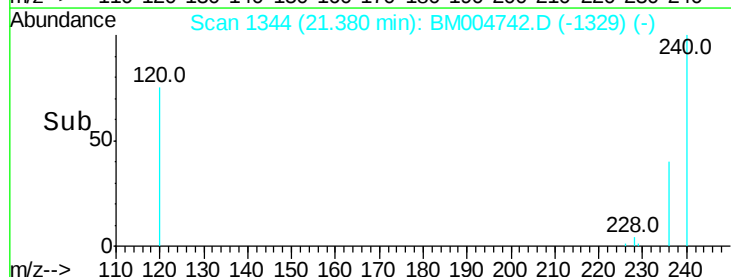
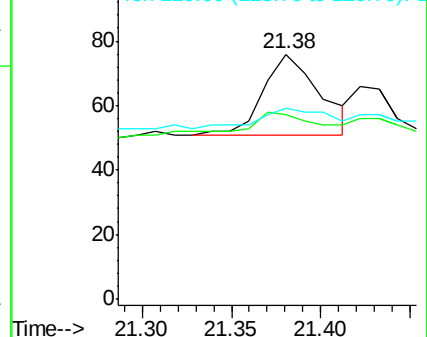
229 77.6 17.0 25.6#

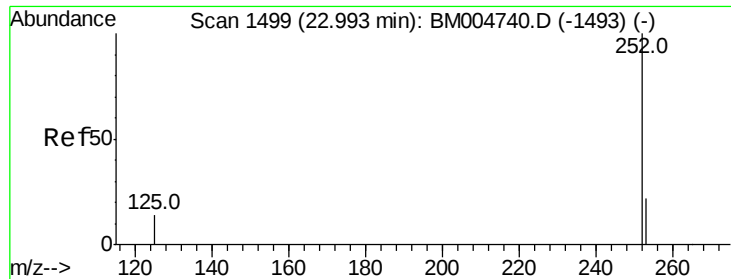


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 22.82 min Scan# 1482

Delta R.T. -0.17 min

Lab File: BM004742.D

Acq: 23 Mar 2016 00:44

Instrument :

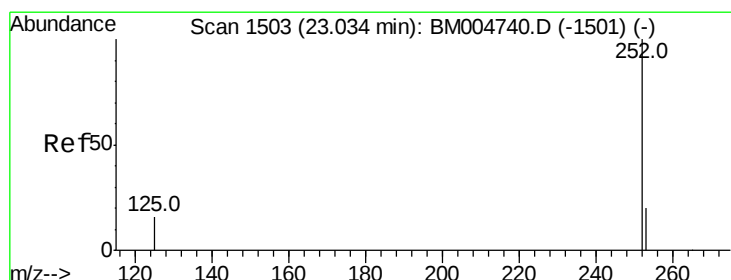
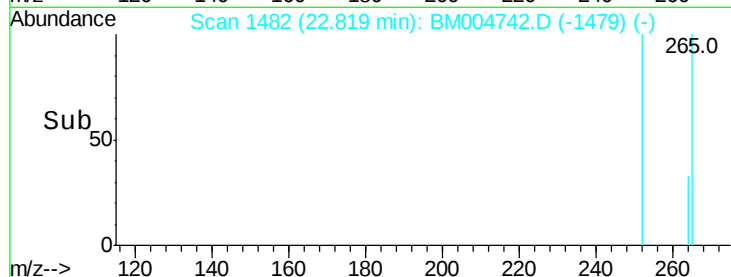
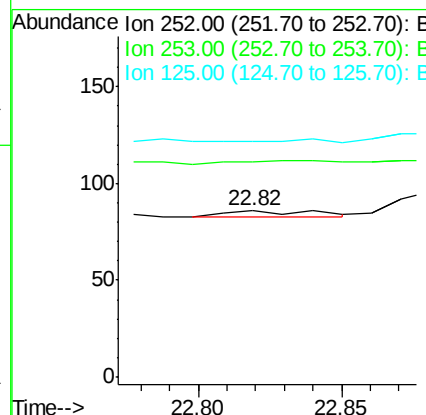
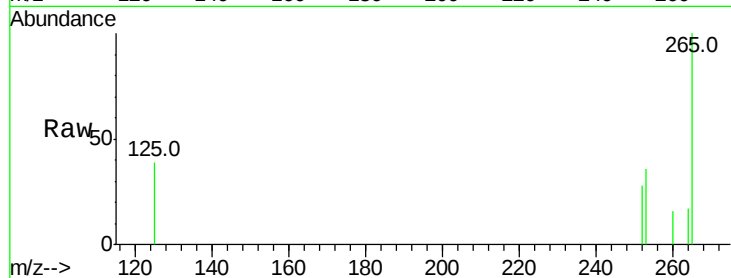
BNA_M

ClientSampleId :

A4T29

Tot Ion:252 Resp: 6

Ion	Ratio	Lower	Upper
252	100		
253	129.1	0.0	45.4#
125	141.9	0.0	28.8#



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/u1

RT: 22.88 min Scan# 1488

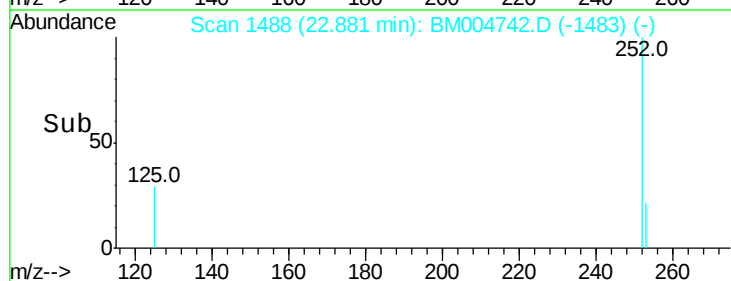
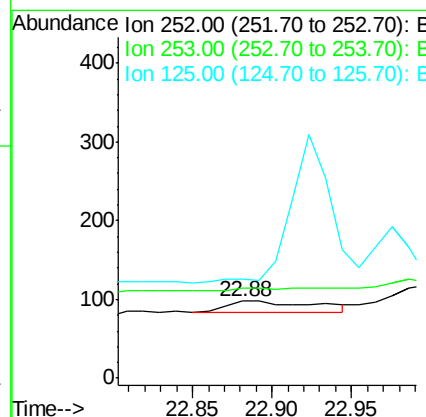
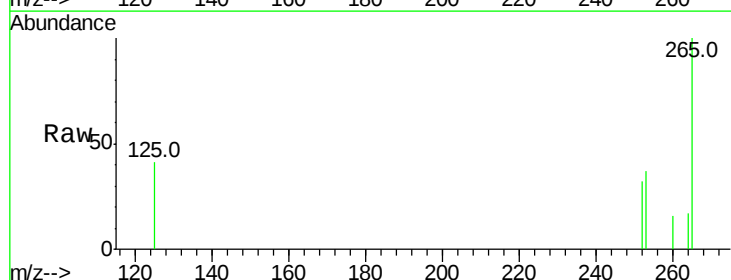
Delta R.T. -0.15 min

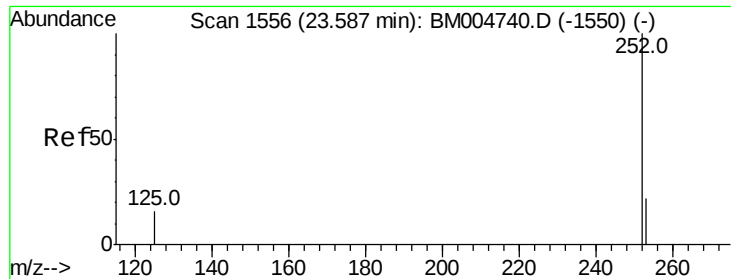
Lab File: BM004742.D

Acq: 23 Mar 2016 00:44

Tgt Ion:252 Resp: 53

Ion	Ratio	Lower	Upper
252	100		
253	117.3	19.8	29.8#
125	128.6	10.4	15.6#





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.54 min Scan# 1551

Delta R.T. -0.05 min

Lab File: BM004742.D

Acq: 23 Mar 2016 00:44

Instrument :

BNA_M

ClientSampleId :

A4T29

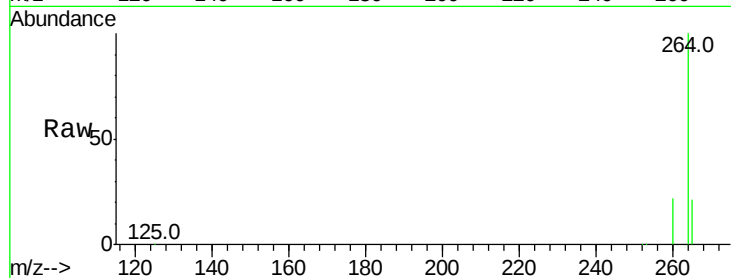
Tot Ion:252 Resp: 1628

Ion Ratio Lower Upper

252 100

253 36.3 19.4 29.2#

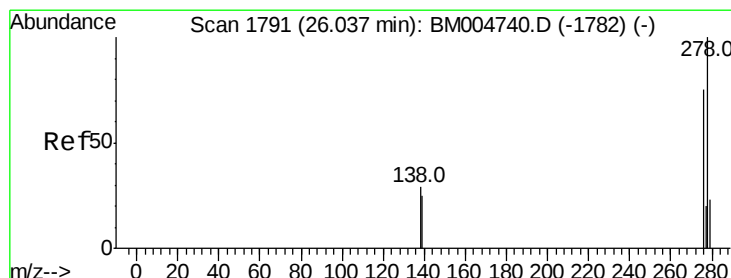
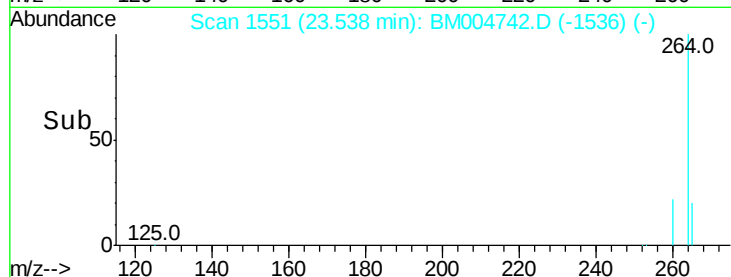
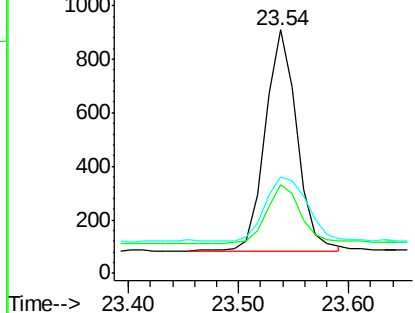
125 39.4 12.7 19.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.83 min Scan# 1771

Delta R.T. -0.20 min

Lab File: BM004742.D

Acq: 23 Mar 2016 00:44

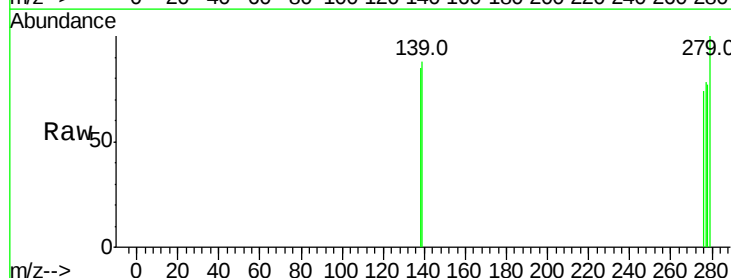
Tgt Ion:278 Resp: 2

Ion Ratio Lower Upper

278 100

139 114.0 16.4 24.6#

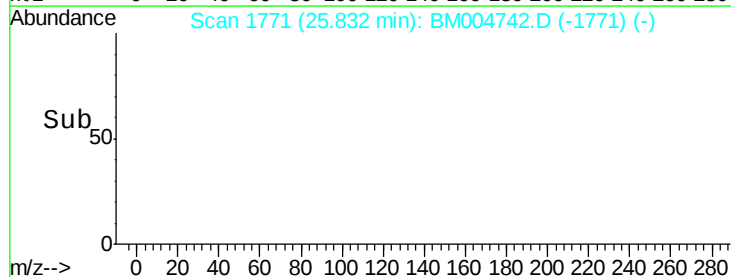
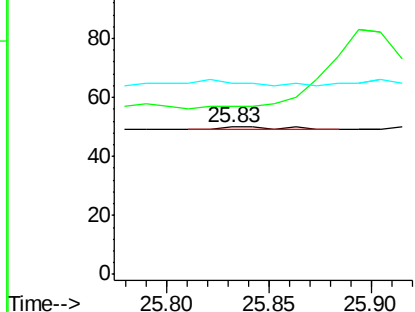
279 130.0 20.2 30.2#

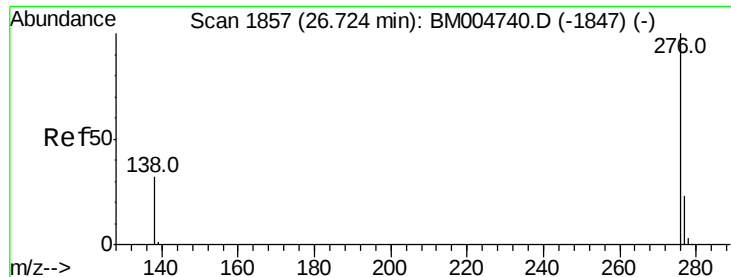


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#28

Benzo(a,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.62 min Scan# 1847

Delta R.T. -0.10 min

Lab File: BM004742.D

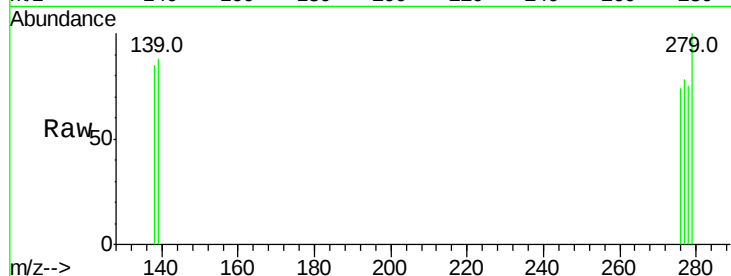
Acq: 23 Mar 2016 00:44

Instrument :

BNA_M

ClientSampleId :

A4T29



Tot Ion: 276 Resp: 1

Ion Ratio Lower Upper

276 100

277 106.3 18.9 28.3#

138 114.6 22.5 33.7#

